## A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/09

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

Category °	Citation of document, with indication, where appropriate, or	of the relevant nassance	Deleve to the			
			Relevant to claim No.			
x	PATENT ABSTRACTS OF JAPAN					
	vol. 2000, no. 22,		1-4,			
•	9 March 2001 (2001-03-09)		11-13			
	-8 JP 2001 (2001-03-09)	FLEGTRONTO				
i	-& JP 2001 134960 A (PIONEER	EFECILIONIC				
, !	CORP), 18 May 2001 (2001-05-)	18)				
	abstract		5-10,			
1			14-20			
\	0.110.0.007.000.00		21-24			
',X	-& US 6 657 930 B1 (NOMOTO T/	AKAYUKI)	1-4,			
	2 December 2003 (2003-12-02)		11-13			
',Y	column 1, line 14 - line 50		5-10.			
	_		14-20			
',A	column 3, line 58 - column 7,	. line 36:	21-24			
	figures 1-4	•	21 24			
Y	US 2002/039331 A1 (PARK SANG					
	4 April 2002 (2002-04-04)	5-10,				
į	paragraphs '0004! - '0026!; 1	Cé muna a 1 0 a	14-20			
		rigures 1-3c				
		-/	·			
χ Furthe	er documents are listed in the continuation of box C.	χ Patent family members are listed	n annex.			
Special cate	egories of cited documents:					
documen	nt defining the general state of the art which is not	"T" later document published after the Inte or priority date and not in conflict with	mational filing date			
COITSIGE	ried to be of particular relevance	cied to understand the principle of the	one application but sory underlying the			
earlier do ''. filing da	ocument but published on or after the international	nvention				
documen	t which may throw doubte on aday's at a large to	Calliot de Collsideren novel or cannot	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to			
		anvoive an inventive step when the do	cument is taken alone			
Citation	or other special reason (as specified)  treferring to an oral disclosure, use, exhibition or	"Y" document of particular relevance; the c cannot be considered to involve an inv				
Other till	edis	document is combined with one or mo ments, such combination being obvious	re other euch door			
P* document published prior to the international filing date but later than the priority date claimed		m me art.	in the art.			
		"&" document member of the same patent	family			
na oi (ue ac	ctual completion of the international search	Date of mailing of the international sea	rch report			

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Name and malling address of the ISA

ional Application No IB2004/050683

Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passage	
	will indication, where appropriate, of the relevant passage	Relevant to claim No.
A	WO 98/49679 A (KONINKL PHILIPS ELECTRONI NV ; PHILIPS SVENSKA AB (SE)) 5 November 1998 (1998-11-05) the whole document 	CS 1-24
·	BEST AVAILABLE COPV	
	BES.	
		•

iformation on patent family members					onal Application No IB2004/050683	
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 2001134960	A	18-05-2001	US	6657930	) B1	02-12-2003
US 6657930	B1	02-12-2003	JP	2001134960	) A	18-05-2001
US 2002039331	· A1	04-04-2002	KR	2002026677	' A	12-04-2002
WO 9849679	<b>A</b>	05-11-1998	CN EP WO JP KR TW US	1127724 0914652 9849679 2000512791 2000022150 399202 6137755	A2 A2 T A B	12-11-2003 12-05-1999 05-11-1998 26-09-2000 25-04-2000 21-07-2000 24-10-2000

onal Application No